**CONCRETE BEARING BLOCK DETAILS**

**ELEVATION**

1. Remove existing anchor bolts flush with beam seat.
2. Spacing should be in both directions utilizing #4 @ 1'-0" maximum spacing.
3. Epoxy grout to a depth equal to or greater than the height of the concrete block. This is to account for additional movement and governing seismic requirements. The theoretical service loads shown in the precast concrete block detail may be disregarded if a full-depth concrete diaphragm is used in conjunction with a "B"-inch thick elastomeric pad (fixed seat).
4. The theoretical service loads shown in the table are based on the bridge in its final configuration.
5. Additional load resulting from staging and/or contractor operations, such as uneven jacking of adjacent substructure units, is not included.

**GIRDER REACTIONS AT BEARINGS (KIPS)**

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**NOTES**

1. Excessive stress caused by unequal jacking results from unequal support conditions and shall be investigated as required.
2. Concrete block details may be used in lieu of plate "E" as shown on standard 40.10.
3. The building code minimum is 12" embedment in concrete.
4. Adhesive anchors are required to remain in precast concrete block details and embeds 12" in concrete.
5. #4 bar reinforcement shall be utilized in both directions utilizing #4 @ 1'-0" maximum spacing.
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